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**To:** Nwia, Jacqueline [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d299b56bd7ef46709fb7465fd1e15466-JNwia]  
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**Subject:** bullet points on the Kohler-Andrae monitor

## Kohler-Andrae monitor:

- Since ozone is harmful to human health, ozone monitors are important for determining whether and where human populations are exposed to ozone levels above the National Ambient Air Quality Standards (NAAQS).
- The Kohler-Andrae monitor is violating the 2008 and the 2015 ozone NAAQS.
- The monitor is downwind of in-state and out-of-state metropolitan areas (e.g. Milwaukee and Chicago). For purposes of the “good neighbor” or transport provisions of the Clean Air Act, violating monitors in nonattainment and maintenance areas are used to assess contributions from upwind states. Upwind states found to be contributing above a certain level have requirements for reducing precursor emissions.
- The Kohler-Andrae monitor is the design value<sup>1</sup> monitor for the 2015 ozone NAAQS (70 ppb), the 2008 ozone NAAQS (75 ppb), and was the design value monitor for the 1997 ozone NAAQS (80 ppb) Sheboygan County nonattainment area. The design value monitor in a nonattainment area is critical for tracking ozone design values over time for attainment planning purposes.
- The monitor is necessary for being able to redesignate the area when it comes into attainment.

<sup>1</sup>The design value is the 3-year average of the annual 4<sup>th</sup> highest daily maximum 8-hour average ozone concentration.